

## CLAIMS

We claim:

1. An autonomous in-vivo device comprising:  
a power source; and  
a moveable arm.
2. The device of claim 1, comprising an imager.
3. The device of claim 1, comprising a transmitter.
4. The device of claim 3, wherein the transmitter is to transmit via radio waves.
5. The device of claim 1, wherein the moveable arm is hollow.
6. The device of claim 1, wherein the moveable arm includes a tube.
7. The device of claim 1, wherein the moveable arm includes a plurality of segments.
8. The device of claim 1, comprising a set of control wires.
9. The device of claim 1, wherein the moveable arm includes a movement device.
10. The device of claim 1, wherein the moveable arm includes a piezo material.
11. The device of claim 1, wherein the moveable arm includes a shape memory material.
12. The device of claim 1, comprising a controller to send movement signals to the moveable arm.
13. The device of claim 1, comprising a storage tank.
14. An in-vivo device comprising:  
a transmitter; and  
a moveable proboscis.
15. The device of claim 14, comprising an imager.

16. The device of claim 14, wherein the transmitter is to transmit via radio waves.
17. The device of claim 14, wherein the proboscis includes a tube.
18. The device of claim 14, wherein the proboscis includes piezo material segments.
19. An in-vivo device comprising:  
a moveable means to manipulate a structure in-vivo.
20. The in-vivo device of claim 19, comprising an imaging means to capture images.
21. The in-vivo device of claim 19, comprising a transmitter means to transmit images.
22. An autonomous in-vivo device comprising:  
an imager; and  
an arm extending from the device, the arm comprising a plurality of segments.
23. The device of claim 22 comprising a set of control wires, a subset control wires being attached to each of a set of segments
24. The device of claim 22 wherein a subset of the control wires control movement in a first direction, and wherein a subset of the control wires control movement in a second direction.
25. The device of claim 22, comprising a radio transmitter.